

..... BOARD BRIEFS

A quarterly publication for the Morehead State University Board of Regents

Volume 8 No. 1



SACS and NASA made 2000 a big year for MSU

**By
Dr. Ronald G. Eaglin**

SACS and NASA became more than just important acronyms at Morehead State University during calendar year 2000, thanks to the hard work, dedication and creativity of our faculty and staff.

The Southern Association of Colleges and Schools (SACS) completed its review of our accreditation and reaffirmed our status at its December meeting in Atlanta. The culmination of more than two years of effort, the successful completion of the reaffirmation process means that all of our academic programs are reaccredited for 10 years, through 2010.

Of course, we still must respond to the few recommendations and suggestions made by the visiting committee, and that will take us well into this year. We were especially pleased with the four commendations we received from

the committee. A single commendation is considered high praise by most institutions. Moreover, several of our key personnel were invited to the SACS meeting to report on how we conducted our self study and how we compiled our reports.

By all accounts, it was the most successful reaccreditation experience in the history of this institution, and all of us should be proud of whatever role we played. Special thanks go to Drs. Marc Glasser and Charles Patrick, Angela Martin and Al Baldwin.

It also was last year when the University entered the space age with a new and exciting relationship with the National Aeronautics and Space Administration (NASA).

Thanks to the dreams and personal contacts of Dr. Ben Malphrus and the timely assistance of Gov. Paul Patton and U.S. Rep. Hal Rogers, students here and across Kentucky are getting a new space exploration tool with the relocation of a NASA satellite tracking antenna to this campus.

The project involves transfer of the \$20 million antenna and \$2 million in federal funds for related costs. We also are indebted to Hilda Legg, executive director of the Center for Rural Development at Somerset, as well as the Small Business Administration and the Kentucky National Science Foundation Experimental Program to

Stimulate Competitive Research (EPSCoR) program.

The support of Congressman Rogers enabled the project to be expanded to include establishment of new base stations for the GPS (global positioning systems) at MSU and the Center for Rural Development. In addition, the National Weather Service station at Jackson will gain access to scientific meteorological data from new monitoring equipment to be installed in Somerset and Morehead.

I am convinced that transfer of the satellite tracking station from NASA will revolutionize the science curriculum at the University. We also are very excited about this project's potential impact on
(Please see MESSAGE, page 7)

Board of Regents

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Important dates

Founders Day

March 29

Spring Gala

April 28

Honors Convocation

April 29

BOR Work Session

May 11

Alumni Awards Banquet

May 11

Spring Commencement

May 12

BOR Meeting

June 8

Administrative Retreat

August 6-7

Extended Campus, Continuing Education & Academic Support

- **Dual Admissions Program.** Students who plan to transfer to Morehead State University from Ashland Community College, Hazard Community College, Maysville Commu-

nity College, Prestonsburg Community College, or Southeast Community College needed to apply only once for admission to the community college and Morehead State University. The community colleges forward current demographic and academic information to MSU. This allows students at community colleges to lock-in a catalog year for a baccalaureate program at the University while they are still enrolled at a community college.

- **Free University Class for High School Seniors.** High school seniors with a grade point average of 3.0 and the recommendation of the high school senior could enroll in one University class tuition free during the fall and spring semesters. This opportunity applied to high school students in Rowan, Morgan, and Montgomery counties as well as counties adjacent to

these. During the fall semester, 77 students took advantage of this opportunity.

- **Respiratory Care Associate Degree Program.** MSU joined with Rowan Technical College, Ashland Community College, and Maysville Community College as part of the the Northeast Kentucky Consortium for Respiratory Care. In collaboration with Rowan Technical College, Morehead State University will offer the Associate of Applied Science Degree in Respiratory Care. Students who complete the program will be registry-eligible respiratory therapists.

- **Matriculation Agreements with Ashland Technical College.** Morehead State University and Ashland Technical College developed articulation agreements to offer students the opportunity to earn (Please see EXTENDED, page 13

GED ON TV

Kentucky Educational Television's GED ON TV now has more than 9,300 Kentucky graduates with their GEDs. On a yearly basis, the program enrolls about 800 new GED students and about 200 adults in basic skills study statewide. The program assisted more than 3,000 other Kentucky adults with educational information and assistance last year. KET and partners are developing a new GED Series (programs and workbooks) with an on-line component for the new GED test which starts Jan. 2002.

KET also introduced and advertised a new series, Workplace Essentials, with programs and workbooks, with the MSU office serving as statewide headquarters for information on programs, workbooks, and sales. With the Workplace Essentials Skills Services, the MSU office served more than 300 businesses, corporations, services agencies, and individuals.

Interdisciplinary Women's Studies

- Steadily increasing the number of minors, up to 15, with three graduating in the last year.

- Successful 2000 Grote Symposium with keynote speaker Dr. Mary Frances Berry, chair of the U.S. Commission on Civil Rights. About 200 attendees. The program received a grant from the Kentucky Humanities Council to help fund the symposium.

- Scheduled Bobbie Ann Mason, considered one of Kentucky's finest writers, as keynote speaker for the 2001 Grote

Symposium.

- Sponsored a "Take Back the Lake Hike" and a "Take Back the Night March" to bring awareness to issues of sexual harassment and assault on campus. About 150 attended the march.

- Co-Sponsored Michael Kimmel, nationally-known author and professor of sociology at SUNY-Stonybrook, as guest lecturer on relations between men and women. Had a SRO crowd of about 200 and had to turn another 100 away because of lack of space.

2000 Campus Giving Campaign

On Dec. 9, 2000 at a home basketball game, as has become our tradition, a representative group of Unit Development Officers (UDOs) presented Dr. Eaglin a symbolic check for more than \$116,000. The final accounting of campaign contributions showed \$121,310.53 pledged and contributed to the 2000 Campus Giving Campaign.

This year's campaign recorded

a significant increase in participation by individual members of the university community. Payroll deduction pledges increased 46% from last year's campaign.

Retired faculty and staff were represented by a unit development officer and supported the campaign most generously. The SGA and RHA presidents asked to be UDOs to better engage students in what has become a total campus com-

munity effort. Students enthusiastically sold "Eagles" to both support the student emergency loan fund and promote school spirit.

Five units reached the 100% participation level: the Office of the President, Development and Alumni Relations, Planning and Budgets, Research Grants & Contracts, and Radiologic Technology.

Unit	Pledge/Gift	# Donors	# in Unit	% Part.	Avg. Gift
Academic Affairs	\$ 6,746.84	43	139	30.9%	\$156.90
Admin. & Fiscal Services	\$11,855.24	102	252	40.5%	\$116.23
Camden-Carroll Library	\$ 1,370.00	13	38	34.2%	\$105.38
Caudill Coll. of Humanities	\$12,576.94	42	128	32.8%	\$299.45
Coll. Ed. & Beh. Sciences	\$ 7,596.40	41	110	37.3%	\$185.28
College of Business	\$ 5,957.55	35	52	67.3%	\$170.22
Coll. of Sci. & Tech.	\$19,390.98	70	136	51.5%	\$277.01
IRAPP	\$ 782.00	5	8	62.5%	\$156.40
President's Unit	\$ 7,908.20	17	17	100%	\$465.19
Student Life	\$17,925.23	44	113	38.9%	\$407.39
University Relations	\$ 3,323.95	17	22	77.2%	\$195.52
Student Orgs./Individual	\$ 6,835.00				
Retirees	\$19,042.20	53*			\$359.29
Totals	\$121,310.53	429	1,015	42.3%	

*Retirees not included in donor number total.

Talent Search II Highlights

During the 1999/2000 academic year, 85% of the program's high school senior participants enrolled in postsecondary education programs. This compares with a statewide average of about 55%. All of the MSU program's college ready participants received assistance in applying for financial aid, and all received assistance in applying for postsecondary admissions. Talent Search II also had two students who dropped out of high

school but through the efforts of counselors were enrolled in a high school equivalency (GED) program. Also 543 of 554 participants were retained in the program and promoted to the next grade level. These accomplishments are especially noteworthy because nearly 72% of the students served by MSU's program come from low income and first generation college families residing in six of the counties located within MSU's service region.

Camden-Carroll Library adds CD collection, handicap ramp

- Newly expanded and relocated CD Collection and CD players now available.
- Installation of a new handicapped ramp and door.
- Significant new full-text electronic library resources (books and journals) now available.

Department of Information Systems

A number of significant IS program revisions became effective with the new 2000-2002 Catalog. Calendar year 2000 proved to be a very productive year for the Department of Information Systems in many ways. These are a few highlights.

- Collaborative Technologies Lab. A new Wireless Collaborative Technologies Lab has been implemented with funding from PT3 and other department grants. The lab is equipped with a server and 20 laptops running GroupSystems for Windows, the market leader in group meeting software. The lab is set up in a conference room style to facilitate meetings. The equipment is also portable so that it can be transported to schools or meetings.

GroupSystems provides support for meetings, group problem solving, and other collaborative activities. Tools include electronic brainstorming, topic commenter, group outlines, categorizer, and voting. GroupSystems will be used for projects in connection with the PT3 grant to focus on student problem solving, collaborative writing, and higher order learning skills. The lab also supports a new CIS Collaborative Technologies course for faculty research, meetings and workshops.

The IS Department was

bawarded a number of grants.

- PT3 in partnership with the College of Education for \$1.4 million, Dr. Elizabeth A. Regan, project co-director (co-authors Dr. Donna Kizzier, Dr. Cathy Barlow, Dr. Rita Egan).

- Teacher Education Enrichment Program (TEEP) renewal for \$7,000, Dr. Elizabeth A. Regan, director, and Dr. Donna Everett, program manager.

- Title II Perkins grant renewal for \$16,000, Dr. Elizabeth A. Regan, project director.

- Curriculum That Works Grant, Dr. Donna Everett, project director.

Program/Student Results

The CIS Project Management and Senior Projects class (CIS499C) not only provides CIS students with real world experience in preparation for graduation, but is also making a significant contribution to the University and community as well. The course instructor, Dr. Grover Kearns, works with the Morehead/Rowan County Chamber of Commerce and local businesses as well as University administration to identify projects. Students, under the direction of Dr. Kearns, meet with the project sponsor, conduct a system study, plan, and execute the project. Project reports are presented at the end of the semester to the sponsor and a jury of faculty. In the fall 2000 semester, students completed the following projects: the Gateway Children's Advocacy Center computer network; the Hope Pregnancy Crisis Intervention Center Internet Web site; the Dashboard Stereo Web database and Internet Web site; and, updates to the Web site for the Pine Grove Art Gallery



(Home of the Morehead Art Guild).

The MSU chapter of Phi Beta Lambda (PBL) has achieved the Gold Seal Award of Merit, which recognizes chapters that demonstrate achievement in professional development, competitive events, service, fund-raising, and promotional activities. This achievement places MSU in the top 10% of chapters nationally. Faculty advisors are Dr. Randy McCoy and Darla Hunt. Eighteen students won awards this year at the Kentucky State Leadership Conference, and two students took awards at the national Leadership Conference in Anaheim.

Workshops and Cooperative Education

Dr. C. Steven Hunt, director of the Cooperative Education Program for the Department of Information Systems, indicated that 12 students completed the requirements for cooperative education credit for the fall 2000 term. Students were employed by the following: St. Claire Medical Center Information Technology Division, IBM Global Services in Lexington, INACOM of Kentucky, Lexington, and YES Computers in Morehead. After surviving a very competitive recruitment process in Raleigh, N.C., in December, three of our recent IS

seniors who were interns in the fall semester, have received positions at IBM Global Services in Lexington.

Department of Management, Marketing & Real Estate

Faculty within the department pursued professional development activities and had a combined total of 36 papers presented at conferences and/or published in professional journals. Dr. Lary Cowart served as president of the Kentucky Real Estate Educators Association. Other faculty served as editors of professional journals, book reviewers, and discussant at professional meetings.

SIFE (Students in Free Enterprise) students competed at the Regional Exposition in April and earned first runner-up for their community and educational outreach projects. Seven students from SIFE recently traveled to a Career Expo in Chicago. This trip provided students with an opportunity to discuss career opportunities with many different organizations. As a result of these meetings, several students were invited to com-

plete the interview process.

Several faculty actively pursue "hands-on" projects within the local community. These "hands-on" projects allow students the opportunity to apply much of what they learn in the traditional classroom setting. For example, students enrolled in Marketing Strategies for Small Business, taught by Dr. Stacy Vollmers, completed strategic marketing and/or promotional plans for the following businesses: Battson Drug, Budget Tire Center in Ashland, Midway Fast Stop, Ultimate Video, Perk's Inc., and Stucky's Beauty Salon.

In addition, students enrolled in the undergraduate Organizational Behavior and Human Resource Management classes taught by Dr. Robert Hatfield worked with several local and regional employers to complete special research projects. Employers involved with the projects included Guardian Industries Corporation, Boomerangs Restaurant, Rowan County Christian Academy, The Children's House Learning Center, Cooper Tire and Rubber Company, Family Dollar Distribution Center, Enterprise Rent-

a-Car, Adena Regional Medical Center (Ohio), Hyatt Regency Lexington, Kelly Services, and Wal-Mart.

During the Spring 2000 semester, students in Human Resource Management completed a project for the Fleming County Hospital. The project involved a job evaluation and compensation review for the hospital employees. Students identified benchmark institutions and compared Fleming County Hospital on criteria such as job descriptions, NEMA job evaluation factors, and wage surveys. The purpose of this evaluation was to assist Fleming County Hospital in the establishment of a fair and equitable pay scale for all employees, develop criteria for objective merit increases, and develop criteria for hiring experienced staff.

Dr. Michelle Kunz, director of the Cooperative Education Program for the department, indicated 12 students have completed the requirements for cooperative education credit for the Fall 2000 term. Students were employed Citizens Bank of Morehead, Paris Mini Storage, MSU Athletics, Apollo Oil, Inc., French Quarter Inn of Maysville, MSU Office of Human Resources, Host Communications in Lexington, D & A Farm Supply, ReMax North, and C. Roger Lewis Agency.



Dr. Robert Albert, dean of the College of Business, reviews the day's Wall Street Journal with students.

Tim Holbrook Photo

Department of Agricultural & Human Sciences

Nov. 1-3, 2000, Mrs. Jane C. Ellington and four Family and Consumer Sciences Education majors attended the National Family, Career and Community Leaders of America meeting in Birmingham, Ala. Participating students received grants to attend the Newcomers Seminar as future Family and Consumer Sciences Education teachers and advisors. Those attending were: Crystal Price, junior from Booneville; Monty Markwell, senior from Farmers; Rhonda E. Martin, senior, from Owingsville, and Brandi Thayer, junior from Mt. Olivet.

The Department of Agricultural and Human Sciences awarded six \$500.00 scholarships for the Spring 2001 semester. Those receiving scholarships are: Crystal D. Sammons, senior dietetics major from Louisa;

Sarah J. Maxwell, senior dietetics major from Sterns; Jill Simpson, senior dietetics major from Richmond Dale, Ohio; Carol Martin, sophomore dietetics major from Williamstown; Rhonda E. Martin, senior family and consumer science education major from Owingsville; and Anna Akers, senior dietetics major from Raceland.

Department of Biological & Environmental Sciences

Students majoring in BES received numerous awards and gave several presentations in scientific meetings. Biology senior pre-med student Tom Frazier, from Louisa, was one of 70 students to be selected from an international pool of 400 applicants to participate in a summer research project at Emory University in Georgia. His research project titled "Expression of S-HIV Antigens in Various Mammalian Expression Vectors" was awarded first place in competition open to all 70 participants. Tom Frazier was also the second student in as many years to receive the top award, the Dean's Scholarship Award, given to entering medical students at the University of Louisville Medical School.

Collectively, the acceptance rate to professional schools for MSU biology majors continues to exceed the state and national averages in medical, dental, pharmacy, physical therapy, and physicians assistant programs.

The UK/MSU Physicians Assistant Program at Morehead has moved from a baccalaureate program to a master's degree program, with the first class consisting of 16 students beginning January 2001.

Department of Industrial Education & Technology

Jukka Aarnio and Panu Mustakallio, both instructors from Satakunta Polytechnic in Rauma, Finland, visited the IET Department this year while participating in the Magellan Exchange Project. The Magellan Project provided the opportunities for both scholars to visit colleges in the United States. Panu Mustakallio spent several days with IET in November. Jukka Aarnio's visits were scheduled earlier in 2000. They toured labs, talked with faculty and students, and spoke to IET classes, including distance learning classes which enabled them to reach several extended campus centers as well.

IET hosted four exchange students participating in the Magellan Project this year. From Satakunta Polytechnic in Rauma, Finland, we had Teppo Kuism and Johanna Rastas. Also participating were Bart Arnouts and Jordi Min from Hogeschool Limburg, Netherlands. Teppo and Johanna both graduated with degrees in Industrial Engineering and Management after their semester with IET. Bart Arnouts and Jordi Min, both construction majors, also graduated in May after fulfilling their require-



Dr. Brian Reeder, left, professor of biology, works with students during a field excursion at Triplett Creek.



Students work on projects in IET labs.

ments for internships through the IET Program.

The Kentucky Applied Technology Education Association held its annual conference in Louisville. This year, eight IET faculty members made presentations. IET's Dr. Ahmad Zargari was elected President of KATEA. As President, he will be planning the programs for this coming year's conference. IET encourages students to participate in KATEA as well. Often Industrial Education students receive scholarship money from the organization. This year, Phillip Watts received the KATEA President's Scholarship as outstanding technology education student.

MESSAGE

(Continued from page 1)

high-tech economic development related to satellite telecommunications. The long-term impact that this project will have on a region desperate for high-tech training opportunities is immeasurable.

Steve Currier, manager of the Ground Network Project Office for NASA's Goddard Space Flight Center in Greenbelt, Md., perhaps made the most appropriate statement about the project when he said:

"NASA is extremely pleased to see new life breathed into the antenna system. It has served NASA

EKTEA met during April and September of 2000 and held its annual TSA Review in March. Teachers from Boyd, Rowan, Wolfe, Nicholas, and other area counties participated. The teacher's were offered professional development opportunities through the summer months, and Dr. James Smallwood held a manufacturing workshop in July. One of the primary objectives of EKTEA is to encourage student involvement with technology. Toward achieving this goal, the Technology Student Association Competition has been developed to assist students as they prepare to compete on the state and national levels. The competition was held on

well for more than 30 years, and now it will be used to train a new generation of space scientists and engineers."

The antenna system has a replacement value of more than \$20 million and is nine stories tall. Its tracking dish is 60 feet in diameter. Once the site for the antenna is selected and the rest of the first phase funding is in place, we will gain a new campus landmark reaching from an East Kentucky hilltop into deep space.

Yes, 2000 was a very good year.

MSU's campus with participation from approximately 100 students from numerous regional schools. Funds to support EKTEA and the TSA Competition were made available by a Technology Enrichment grant sponsored by the State Department of Education and written by Mr. Robert Hayes, Dr. James Smallwood, and Dr. Ahmad Zargari.

The National Association of Industrial Technology hosted its annual conference in Pittsburgh, Pa., in 2000. The IET Department was made an accredited member of NAIT in 1998, and participates in the conference every year. IET faculty made presentations on a variety of technical subjects. Five students were also able to attend the NAIT conference. Dr. Ahmad Zargari is a member of the NAIT Public Relations Committee and will serve on the Accreditation Board as a representative of the Research Division. He has also been nominated to the Region Three Directors Position. Dr. Charles Patrick, professor of industrial technology, will be serving as president of NAIT's Research Division for the next two years.

The Industrial Education and Technology Advisory Board meeting was held at MSU on Oct. 20, 2000. The Advisory Board

helps IET ensure continued growth and enrichment opportunities for all academic programs within the department. At the latest meeting, Dr. James Smallwood presented information to the Board on the Manufacturing/Robotics option area of the Industrial Technology degree. Board members offered to speak to students in classes and provided feedback regarding overcoming gender bias in technology, enhancing student motivation, and the renewal of positive social perceptions of industry. Mazak Corporation in Florence, Ky., and Blue Star Plastics in Lexington have also hosted meetings for the Advisory Board, providing tours and information about their industries, production, and the skills they look for in employees.

IET has initiated course offerings that will lead to the Associate Degree in Industrial Technology in the Mt. Sterling area. Many IET students are non-traditional students, men and women with families and full-time jobs who want to earn a degree to be more productive and competitive in their work. As a service to those students, IET seeks to offer more and more courses via distance learning, the Internet and at off-campus centers. Being able to offer courses on-site or near local industries will open many doors to workers, students who live in that area, and

our on-campus students who will be able to learn in a real work environment. This opens yet another possibility in achieving our goal of being as accessible to all our students as possible.

The ninth semi-annual IET graduation celebration honoring the Associates, Bachelors, and Masters Degree recipients of December 2000 was held on December 15th. The Graduate Reception was held at the MSU Alumni Center. Faculty spoke of each graduate's accomplishments, and students were given the opportunity to relate something regarding their experience at MSU. The Graduate Reception is held each semester in order to continue the very positive relationship that IET has with its students as they become successful alumni in their field. We are proud to congratulate three graduates in the MS Degree program, and 27 undergraduates listed for commencement this December.

Department of Mathematical Sciences

The departmental Computer Science Proposal is being reviewed by appropriate campus offices. The program would replace the existing Area of Concentration in Mathematics and Computing with an Area of Concentration in Computer Science. About six new courses are being proposed in the program. The CS program requirements utilize existing courses from the departments of Information Systems, Industrial Education and Technology, Physical Sciences, and Mathematical Sciences. It is hoped that the approval process, which ultimately requires the approval of the CPE, will be completed by Fall 2001.

Seven student members of the Math Club joined several mathematics faculty members at the annual joint meeting of the American Mathematical Society (AMS) and the Mathematical Association of America (MAA) in New Orleans.

The departments of Mathematical Sciences, Physical Sciences, and Elementary, Reading & Special Education have collaborated to create an experimental course, MATH/SCI 319E Integrated Math and Science Teaching. The course is designed for elementary and middle school pre-service teachers and uses real data obtained from NASA facilities to provide integration of the teaching of math and science using hands-on activities.

The department has contracted with the Pike County school system to provide professional development in the form of eight day-long workshops to approximately 30 Pike County Middle School mathematics teachers. Additionally, each participating teacher's classroom will be visited at least twice by faculty in the department. Joyce Saxon, Vivian Cyrus, Charlie Jones, and Rodger Hammons are the math faculty involved with the project.

The department sponsored its 7th Annual Mathematics, Physics, and Advanced Technology Day on October 4, 2000. About 22 school systems sent 370 high school juniors and seniors and 37 teachers to participate in the day of problem solving competition in the areas of mathematics, physics, and technology. The goal of the annual activity is to encourage students to consider areas in science and mathematics when choosing career options. Students are di-

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vided into teams of three or four. Students from the same school are not permitted to be on the same team. Each team participates in problem solving activities and is graded as a team. Prizes are given to teams with the highest number of points as well as various individual awards. Each member of the winning team received a new Texas Instruments TI-89 calculator.

Morehead State University is one of eight Kentucky universities participating in a state-wide grant, Kentucky Middle Grades Academies, a three-year project to increase the mathematics content knowledge of middle grades mathematics teachers. This project is funded by the Council on Postsecondary Education and the Kentucky Department of Education. Joyce Saxon is on the state steering committee for this project. Rodger Hammons is on the Region 7 Academy team, and Joyce is on the Region 8 Academy Team.

Department of Nursing & Allied Health

The first class for the associate of applied science degree in respiratory care began classes in January 2001. This program is a collaboration between the Northeast Consortium for Respiratory Care Education, Morehead State University and Rowan Technical College. Students from Ashland and Maysville Community Colleges also participate in the program. The respiratory care program will address Kentucky's current respiratory care practitioner shortages. Students will complete general education course requirements on the campus of Morehead State University and professional component courses at Rowan Technical Col-

lege, with their degree to be awarded from Morehead State University.

Passage rates on the NCLEX-RN for the May 2000 graduates of the BSN and ADN programs have exceeded the minimum standard as established by the Kentucky Board of Nursing, allowing both programs to be recognized as being in "good standing."

Yan Duan and Teresa Howell, assistant professors of nursing, Peggy Gray, BSN Campus Lab coordinator, and Ruth Huffman, ADN Campus Lab coordinator, were recipients of a \$2,500 Campus Partnership Fund from the MSU Board of Stewards to develop an "English/Chinese Language Instructional Video." The video will improve communication between Chinese and English-speaking patients and professional nurses.

Department of Physical Sciences

MSU has been granted a franchise to provide Global Learning and Observations to Benefit the Environment (GLOBE) training for teachers. This program partners schools, scientists, and the GLOBE-trained teachers to supervise the collection of scientific data by their students. These data are submitted to GLOBE using the web. In less than two hours, these data are made available to scientists and schools all over the world. Using the five MSU GLOBE trainers, nearly 50 teachers have been trained in the use of the GLOBE protocols in the past year. Support for GLOBE training has been provided by a CPE Eisenhower Grant.

Six faculty members from four departments (Elementary, Reading & Special Education, Biological & Environmental Sciences, Mathemat-

cal Sciences, and Physical Sciences) worked as a team to develop an integrated math and science course for teachers. This course uses project-based learning to strengthen mathematics and science content knowledge as well as technology skills. The development of this course was partially funded by NASA. It was one of the first funded projects in the ongoing effort to improve teacher education at MSU.

The department participated in the finals of the State Science Olympiad, which involved more than 500 students competing in teams in various events.

The department participated in the judging of the Kentucky Junior Academy of Sciences competition.

The Student Associates of the American Chemical Society at MSU was awarded an Innovative Activities Grant from the American Chemical Society to design and give two workshops for middle school science teachers at the Kentucky Science Teachers Association meeting in Lexington in November. The club advisor is Dr. Zexia Barnes.



MSU is an affirmative action, equal opportunity, educational institution.

Following are highlights of MSU faculty activity for the year 2000.

Department of Information Systems

Recent refereed publications and presentations by CIS Faculty include the following:

- Dr. Grover Kearns, Top Management Support of Strategic Information Systems Planning (SISP): Creating Competitive Advantage with Information Technology. Presented at the *Americas Conference on Information Systems*, Long Beach, Calif., Aug. 11, 2000. He published (with A. Lederer) "The Effect of Strategic Alignment on the Use of IS-Based Resources for Competitive Advantage." Forthcoming in the *Journal of Strategic Information Systems*.

- Dr. Donna Kizzier invited keynote speaker at the University of Kentucky.

- Dr. Hilary Iwu, "E-Commerce: Implications for Businesses in the 21st Century," presented at the *North Atlantic Coast Business & Marketing Education Conference*, Feb. 18-19, 2000. Also, "E-Commerce: Implications for Quality Attributes," *Intermediation, and e-Currency, Organizational Systems Research Association 19th Annual Research Conference*, Toronto, Canada, Feb. 2000. And, "E-Commerce: The Hidden Implications," *KBEA Summer 2000 Conference*, Louisville.

- Dr. Dean Fenton, "Geek Week, an Alterna-

tive to Spring Break," *BitWorld 2000 Proceedings* and conference presentation, June 2000, Mexico City.

- John C. Gibson developed and implemented a cost analysis, Inventory, Labor, and Supplier/Customer database application for an Eastern Kentucky Pallet wholesaler/manufacturer. He also developed and implemented training programs to include Office 2000 products on a beginning, intermediate, and advanced level for local corporations. He is also in the process of developing E-Commerce business web sites with the help of several CIS majors for local small business.

- Randy McCoy (with Charles Ray), "Why Certification in Information Systems?" *Information Technology, Learning and Performance Journal*, 18:1, Spring 2000.

- Three faculty attended *International Conference on Teaching Technology* (Orlando, March 2000): Bonnie Bailey, Marilyn Moore, Connie Grimes. Two faculty attended the *Purdue Summer Technology Institute*: Darla Hunt and Hilary Iwu.

Department of Geography, Government & History

- Dr. Linda Stevenson, assistant professor of government, proposed two seminars for the state's International Education Programs, and both were accepted. The seminars provide students an opportunity to gain first-hand knowledge of another culture. Students will take an on-campus course with Dr. Stevenson in preparation for a study trip to Mexico City, where they will visit historic sites, interview political leaders, and interact with various citizen, political, and transnational business groups.

- Dr. William Green, profes-

sor of government, is developing an Honors course in government to be offered in the Spring 2002 semester. The course will explore issues of human rights and global justice. Prof. Green's article, "Creating the Active Learner: A Model for Paralegal Courses," appears in the current issue of *Journal of Paralegal Education and Practice*.

- Dr. John Kleber, history professor emeritus and author of *The Kentucky Encyclopedia*, served as editor in chief of the *Louisville Encyclopedia*, just released by the University of Kentucky Press. A number of GGH faculty, including Dr. Yvonne Baldwin, Dr. John Ernst, Dr. William Green, Dr. John Hennen, Dr. Thomas Kiffmeyer, and Dr. Alana Scott have published entries in the volume.

- Dr. John Ernst, associate professor of history, began his term in the Spring of 2001 as president of the Kentucky Association of Teachers of History. Dr. John Hennen, assistant professor of history, serves as the university representative on the KATH Board.

- Dr. Yvonne Baldwin, associate professor of history and department chair, was selected to serve as Secretary/Treasurer of the Board of Directors of the Kentucky Humanities Council.

Department of Art

- The finished, four-figure bronze sculpture fountain "Flow of Life" was unveiled during the Nov. 27 dedication of the new Center for Advanced Care at King's Daughters Medical Center in Ashland. The artist, adjunct instructor Sam McKinney, and the bronze foundry coordinator, associate professor Steve Tirone directed the unveiling with the assistance of Governor Paul

Patton. The collaborative bronze casting project took nearly two years to complete, and involved MSU undergraduate and graduate sculpture students.

- Elizabeth Mesa-Gaido, associate professor of art, designed and painted the horse sculpture titled "Tomas" which was one of the equine sculptures featured in the summer '2000 Lexington art event "Horse Mania".

- During the summer, David Bartlett, professor of art, traveled to China and had 47 pieces of photogravure on exhibition at the Academy of Traditional Chinese Painting and in the art gallery of Capital Normal University. Bartlett gave lectures on his photographic career at the Beijing Film Academy and at Capital Normal University. An article on Bartlett's lectures and artwork appeared in the Chinese magazine Popular Photography. Dr. Lemuel Berry, dean of the Caudill College of Humanities, provided assistance to make the trip possible.

- An immense art project coordinated by Sam McKinney was installed during the summer in the day-care center at King's Daughters Medical Center. Seven, seven-foot-tall panels, each a minimum of 22 feet long were designed and executed with the assistance of MSU upper-level undergraduate and graduate art students. Full-color, small-scale drawings of the story of Noah's Ark, each depicting the narrative from a different perspective, were approved by the hospital's board before full-size work commenced.

Department of Music

- The Faculty Jazz Quintet produced a CD titled, Blue Duck Suit. Members of the ensemble in-



Tim Holbrook Photo

"Flow of Life," by Sam McKinney, was unveiled on Nov. 27 at King's Daughters Medical Center.

clude Gordon Towell, Ray Ross, Frank Oddis, Jay Flippin and J. T. Cure.

Department of Agricultural & Human Sciences

- Brenda M. Malinauskas, PhD, RD, LD, Assistant Professor, Nutrition/Dietetics received the Who's Who Among American Teachers (2000) teaching award and made several presentations over the academic year. Peer-reviewed publications included the following: "Energy expenditure and intake in children with sickle cell disease during acute illness", Clinical Nutrition 2000, 21:1 (with E. Fung, D. Kawchak B. Koh, B. Zemel, S. Gropper, K. Ohene-Frempong, V. Stallings); "Nutritional status of collegiate female athletes as predicted from body composition techniques", Kentucky Association for Health, Physical Education, Recreation, and Dance spring 2000, 36:1,20-25 (with C. Bruening); "An

investigation of Chinese graduate students' interest in sport nutrition and sport marketing", University of New Haven Foundation Sports Journal Winter 2000, 4:1, 124-130 (with R. Overton).

Department of Biological & Environmental Sciences

- Dr. Ted Pass, a microbiologist and professor of biology, was selected for the Outstanding Teacher Award at the 2000 spring awards convocation.

- Dr. Allen Risk, associate professor of biology, was awarded the fifth annual Biological Diversity Protection Award by the Kentucky Nature Preserves Commission.

- Dr. Darrin DeMoss, assistant professor of physiology, received a \$13,000 research grant titled "Does Estrogen Suppress the Influx of Cellular Calcium to Decrease Bone Reabsorption" from the Kentucky Academy of Science. Dr. DeMoss also received a matching grant for \$12,100 from MSU, bringing the total amount of the research grant to \$25,100.

- Environmental biologists Dr. Brian Reeder (professor) and Dr. David Smith (assistant professor), received a research award of over \$23,000 from Ashland, Inc. titled "Land-fill Assessment and Analysis Research." Dr. Reeder

also has a \$25,000 grant from the EPA titled "Environmental Education Workshop for Eastern Kentucky Teachers."

- Four internal faculty research grants were received by Drs. Carol Wymer, Geoff Gearner, Les Meade, and Cynthia Trombino. In addition, BES faculty were responsible for 10 publications, and 12 presentations at state and national scientific meetings. Graduate students Kim Feeman, Rob Tewes, and Katie McCafferty all presented research papers at state or regional meetings.

Department of Nursing & Allied Health

- Barbara Dehner, associate professor of radiologic sciences, has been named to the Board of Directors for the Association of Educators in Radiological Sciences and the American Healthcare Radiology Administrators Design Team Annual Meeting Committee.

- Denise Goldy, associate professor of nursing, presented a poster "Journaling the Road to Recovery" in October 2000 and also received a certificate of recognition from the Kentucky Cancer Program for participating in their "Providers Practice Prevention" program.

- Dr. Cyrus Whaley, professor of radiologic sciences and chair of the Department of Nursing and Allied Health Sciences, will

serve as secretary for the Northeast Regional Consortium for Education in Respiratory Care Operating Council.

- Jackie Darling and Cyndi Gibbs, associate professors of radiologic sciences, will represent the University and the state of Kentucky in Washington, D.C., joining other diagnostic imaging professionals from across the nation in meetings with congressional members on the Consumers Assurance of Radiologic Excellence Act.

- Mattie Burton, associate professor of nursing, attended Strategies for Success - Healthcare Management, Staff Development and Education at Ohio State University where she presented "Cabs and Elephants and all That: Integrating Business Theory into Nursing Management."

- Carol Kirkland, assistant professor of nursing, will serve as president of the 10th District,

Kentucky Nurses Association.

- Yan Duan, assistant professor of nursing and a software consultant for Datasys, Inc., has been invited to Beijing in March 2001 to speak at the Chinese Hospital Chief Executive Officers Conference comparing American and International Healthcare Models.

Department of Physical Sciences

- Dr. Mark Blankenbuehler (chemistry) was heavily involved in continuing his research on the synthesis of cyclopenta[d]pyridazines with grants from both MSU Research and Creative Productions and the NSF-KY EPSCoR Program. Students are assisting Dr. Blankenbuehler with the project.

- Dr. Marshall Chapman (geology) spent this summer researching an ancient volcano off the coast of Maine with five undergraduate students working on their senior theses. During July, Dr. Chapman attended a summer field course on



Dr. Marshall Chapman, assistant professor of geology, at a research site in Hawaii.

“Monitoring Active Volcanoes and Predicting Eruptions” at the Center for the Study of Active Volcanoes, University of Hawaii at Hilo.

- Dr. Capp Yess (physics), with student assistance, continued his research into the distribution of galaxies with an EPSCoR grant.

- Dr. Robert Boram (science education) worked with Outstanding Educators in Mentoring Novice Teachers to Develop Astronomy Instructional Skills. The work was supported by an EPSCoR grant.

- Dr. Benjamin Malphrus (sci-

ence education) sponsored and worked with six students and with Mr. Michael Combs (departmental technician) on presentation of research obtained with the Morehead Radio Telescope at the Kentucky Academy of Sciences annual meeting in Lexington.

- Dr. Ann Macintosh (chemistry) obtained a grant from the MSU Research and Creative Productions committee to study pigment changes in paints caused by environmental factors.

- Dr. Eric Jerde (geology) spent

part of summer 2000 working on a geological project in extreme northern Minnesota. This work involved mapping a complex set of igneous intrusions. A geology student and Dr. Jerde collected about 30 samples for chemical analysis, and these were prepared at Macalester College for analysis.

Department of Mathematical Sciences

- Joyce H. Saxon, Associate Professor of Mathematics, received the 2000 Faculty Service Award.

EXTENDED

(Continued from page 2)

associate and baccalaureate degrees in several career fields. The two institutions now allow students to earn an Associate of Applied Technology Degree in Culinary Arts or an Associate Degree in General Occupational/Technical Studies from Ashland Technical College. After completing their programs at Ashland Technical College students could earn a Bachelor of Science

in Human Sciences, with an option in Hotel, Restaurant & Institutional Management or a Bachelor of Science in Industrial Technology.

- The names of the extended campus centers were changed to MSU at Ashland, MSU at Jackson, MSU at Prestonsburg, and MSU at West Liberty.

- The TRIO programs (Educational Opportunity Center, Stu-

dent Support Services, Talent Search I & II, Upward Bound I & II, and Upward Bound Math-Science Center) served 3,641 low income and first generation college individuals in the University's service region. These programs assisted individuals in completing high school or the GED equivalency, enrolling in postsecondary education programs, and completing postsecondary degrees.

Office of International Education

- The program had a total of 121 students and 13 faculty who participated in study abroad programs in a variety of locations. Of the 13 faculty who participated, seven served as program directors with the remaining six teaching one or more courses in an international setting. This is an increase of about 85 students.

- The office hosted five exchange students through the Magellan exchange from Finland, Germany, Belgium and the Netherlands.

- Two special short-term summer programs were provided for international visitors: Chinese nurses (20) who studied nursing administration and community health; 39 college students from Chosun University in Korea who studied English and Business.

MSU students in France.



Graduate Programs

- Re-designed web pages to include all forms and catalog (19,900 hits to date).

- Development of new admissions module to speed the process of admission.

- Extended office hours for customer service.

- Advisor training held and handbook updated.

- Developed graduate student handbook.

- Developed application query and conducted training on its use.

- 1,433 admissions 1,876 applications (a six year high).

Department of Art

- An art exhibition titled "Momento Mori: The Dance of Death" was held by 37 students in Dr. Joy Gritton's Renaissance Art class in October. The works in the collaborative project represent student's own creative response to the theme of mortality - a subject frequently expressed in the arts of plague and war ravaged Renaissance Europe. The "dance of death" was a genre of work that first began to appear in the arts of France in the early 15th century. Usually combining text and image, these series focused upon the inevitability of the final call for rich and poor, king and peasant, clergy, and sinner alike. The opening reception on Oct. 31 featured a student costume contest.

- The MSU Art Department and the Montgomery County Council for the Arts collaborated on a juried exhibition of art work by Morehead State University students. Twenty-three art students exhibited work from November 3-25 in the

MCCA Gallery for the Arts in Mount Sterling. The show was organized by Dr. Joy Gritton, assistant professor of art, Jennifer Reis, art gallery coordinator, and Kay Lane of the Montgomery County Arts Council.

- The Art Department was awarded a "Campus Partnership Grant" in the amount of \$600 through the efforts of Jennifer Reis. The grant will support the "Claypool-Young Main Gallery Lecture Series."

- MSU's Art Education Club served up a buffet of core content in the arts for all 585 students at Owingsville Elementary School last April in an event called "Art A La Carte." The club's faculty sponsor and coordinator for the project, Stephanie Fiala, said the whole event revolved around six principles of art design that are part of KDE's core content for elementary schools.

Department of Communications

- The Department of Communications had 150 students on campus for the Theatre Workshop on Oct. 13. Schools attending the workshop included Montgomery County, Rowan County High & Middle, Morgan County, Upper Tygart Elementary, Clearfield Elementary, Covington Catholic,

Johnson Central, Fleming County, Betsy Layne High, Clark County, Bourbon County, West Carter, Tabernacle School, Meadowbrook Corner, and Herald Wazzaher Middle. These schools have participated in Theatre workshops for the last two years.

Department of Music

- Operaworks traveled to Ireland Dec. 26, 2000.

Department of Geography, Government & History

- Two government majors, Amy Miller and Dana Fohl, traveled to Washington, D.C., the second week of January to attend "Campaign 2000: The Inauguration," a special two week academic seminar focused on the new presidential administration. Tuition, transportation, housing, and daily expenses were covered by the office of the Executive Vice President for Academic Affairs, the Caudill College of Humanities, the Department of Geography, Government & History, and individual donations from GGH faculty.

- Government major Amy Kelly completed a distance-based internship with the Kentucky Center for Public Issues in Frankfort and has been hired part-time for the Spring of 2001 by KCPI as a result of her internship performance.

Dr. Robert Frank, assistant professor of speech, talks with a student during a communications class.



Tim Holbrook Photo

- Implementation of comprehensive teacher education reform initiatives is progressing.

- A cohort group of students at Shawnee State University is now enrolled in both the Masters in Counseling and the Masters in Adult & Higher Education offered by the Department of Leadership and Secondary Education.

- Efforts are being made to offer the entire Masters in Educational Administration to a cohort group at the MSU Ashland Center.

- The Sports Administration Graduate Program in the Department of Health, Physical Education & Recreation has increased both total number of graduates and total gift-giving, having raised over \$35,000 in 2000.

- The Department of Military

Science has established a Military Alumni Association, "Eagles Nest," to promote ROTC at MSU through fund-raising, financial support, mentoring and recruiting.

- Enrollment in the ROTC advanced courses has increased by 40% and cadets finished 11th out of 32 regional schools, and second out of 11 Kentucky schools, in the recent "Ranger Challenge."

- The Education Service Unit has submitted all data required by the United States Department of Education for participation in the National Report Card required by Title II of the Higher Education Act.

- Students may now request and receive field experience assignments to meet requirements in their education courses through the newly-developed Education Service Unit

web page.

- The Department of Sociology, Social Work & Criminology is entering the second year of a National Science Foundation grant to incorporate use of computer technology into core sociology and criminology courses. Representatives of the department continue to serve as regular participants at the Education Research Roundtable meetings sponsored by the Office of Educational Accountability. Plans are being made to offer the Bachelor of Social Work program to a cohort group at the MSU at Prestonsburg center starting in the Fall 2001 semester.



Tim Holbrook Photo

Dr. Dean Owen, professor of education, meets with students in a graduate counseling class.

Information Technology Highlights for 2000

- Implemented a comprehensive web-based student services system allowing students to apply, register, view academic and financial records, and pay fees through the campus web site.

- Replaced the campus telephone and voice mail systems.

- Added seven academic/administrative buildings to the Eagle Video Network that was implemented in the campus residence halls in 1998.

- Expanded Eagle Video Services for students and broke subscription records with over 600 stu-

dents electing to purchase extended tier and premium services.

- Installed a new off-air head end for receiving network cable programming.

- Implemented a new web-based email system.

- Migrated the campus microcomputer replacement cycle to a 4-year program and implemented a student microcomputer lease service for students living in campus residence halls.

- Over 66% of student residence halls rooms elected to purchase high speed network services.

- Replaced over 500 existing microcomputers in labs, classrooms, and offices.

- Provided technology training to over 882 MSU employees in 163 workshops on 23 unique applications.

- Maintained a 2-day turnaround on over 30,000 pieces of bulk mail processed each month using bar code addressing technology for lower postage rates

- Completed 4,743 work requests for desktop technology support with 62% completed within a 72-hour turnaround.

Community Recycling Center holds ribbon cutting ceremony

The newly constructed Community Recycling Center, which resulted from the Interlocal Agreement between the City of Morehead, Rowan County Fiscal Court, and Morehead State University, officially opened on Dec. 4, 2000. A ribbon cutting ceremony marked the opening with representatives from all three organizations and members of the community in attendance.

MSU was recognized for its leadership in recycling and participation in the Community Recycling Center with the receipt of the first annual America Recycles Day "Who's Who of Recycling in Kentucky" award.

Registrar's office

A live web presentation by the registrar and associate registrar in Oct. 2000 at the State Registrar and Admissions Conference won an award for best presentation. The MSU registrar's office was acknowledged by conference members as being on the front lines with technology enhancements more than any institution in Kentucky.

Research, Grants & Contracts

- Between July 1, 1999 and June 30, 2000, MSU received over \$10 million dollars (\$10,156,295 projected) in grants from federal, state, and private sources. This represents a 6.5% increase in funding over the previous year.

- A Campus Partnership Grant of \$3,000 on "How to Find and Win Federal, Foundation and Corporate Grants" was very helpful to the office in increasing the grant activity in 99-00.

Report from the Testing Center

Each year the Testing Center works with more than 5,000 students in the administration and/or scoring, reporting, scheduling, and interpreting of examinations. Many examinations are national standardized tests and considered high stakes such as the GED, ACT, Praxis, GRE Subject Tests.

Work began in the transition from paper-based to computer-based tests (CBT). CBT-CLEP will be

fully implemented by July 2001. Some faculty members participated in the pilot administration of IDEA online and SUMMA. The first results from the Academic Profile were reported in June 2000. The test and report are currently being studied by faculty and others. Acquisition of CBT-GRE continues to be a goal of the Testing Center.